? **logon**

```
*** It is now 2009/07/13 16:22:52 ***
 (Dialog time 2009/07/13 15:22:52)

Preferences:
1.  Default save option: [TEXT]
2.  Graphic Images.
      Maximum width in pixels : [624]
      Maximum height in pixels: [624]
3.  Hold output position (don't scroll to the output buffer end): [No]
4.  Command separators (add HR after every command): [No]
5.  Type separators (add HR after every record): [Yes]
6.  Linking Pane: [Right]
7.  Status location.
      Below Type ahead buffer : [No]
      In Browser status line: [No]
8.  Show Estimated Cost Summary: [Yes]
9. Highlight Search Terms: [Yes]
10. Display Detailed Results by Search Term: [Yes]
11. Show Results by File (multifile search): [Yes]
12. Display Postings: [No]
14. Expand Items: 25
15. Hold Expand output position (don't scroll to the output buffer end): [No]
16. KWIC Window: 50
17. Output Cost Notification: [No]
18. Prompt for Subaccount at Logon: [No]
19. Hide History Tab: [No]
20. Show Preferences at Login: [Yes]
21. Show hyphen(s) in display set command : [Yes]

SUPERBIO is set ON as an alias for 155 73 5 35 65
HILIGHT set on as ''  ''
DETAIL set on
KWIC is set to 50.
```

? **b medicine**

```
       13jul09 14:23:05 User294085 Session D205.1
            $0.00    0.245 DialUnits File415
     $0.00  Estimated cost File415
     $0.05  INTERNET
     $0.05  Estimated cost this search
     $0.05  Estimated total session cost   0.245 DialUnits

SYSTEM:OS  - DIALOG OneSearch
  File   5:Biosis Previews(R) 1926-2009/Jul W1
         (c) 2009 The Thomson Corporation
  File  34:SciSearch(R) Cited Ref Sci 1990-2009/Jul W1
         (c) 2009 The Thomson Corp
  File  35:Dissertation Abs Online 1861-2009/Jun
         (c) 2009 ProQuest Info&Learning
  File  45:EMCare 2009/Jul W1
         (c) 2009 Elsevier B.V.
  File  65:Inside Conferences 1993-2009/Jul 13
         (c) 2009 BLDSC all rts. reserv.
  File  71:ELSEVIER BIOBASE 1994-2009/Jul W2
         (c) 2009 Elsevier B.V.
*File  71: The file has been reloaded. Accession numbers
have changed.
  File  72:EMBASE 1993-2009/Jul 09
         (c) 2009 Elsevier B.V.
*File  72: EMBASE Classic (File 772) now open to all Dialog customers.
See HELP NEWS 772 for information.
```

```
  File  73:EMBASE 1974-2009/Jul 09
        (c) 2009 Elsevier B.V.
*File  73: EMBASE Classic available to all Dialog customers.
See HELP NEWS 772 for information.
  File  91:MANTIS(TM) 1880-2009/Mar
        2001 (c) Action Potential
  File  98:General Sci Abs 1984-2009/Jul
        (c) 2009 The HW Wilson Co.
  File 135:NewsRx Weekly Reports 1995-2009/Jun W4
        (c) 2009 NewsRx
  File 138:Physical Education Index 1990-2009/Jul
        (c) 2009 CSA.
  File 144:Pascal 1973-2009/Jul W2
        (c) 2009 INIST/CNRS
  File 149:TGG Health&Wellness DB(SM) 1976-2009/Jun W2
        (c) 2009 Gale/Cengage
  File 154:MEDLINE(R) 1990-2009/Jul 10
        (c) format only 2009 Dialog
  File 155:MEDLINE(R) 1950-2009/Jul 10
        (c) format only 2009 Dialog
  File 156:ToxFile 1965-2009/Jul W1
        (c) format only 2009 Dialog
  File 159:Cancerlit 1975-2002/Oct
        (c) format only 2002 Dialog
  File 162:Global Health 1983-2009/Jul W1
        (c) 2009 CAB International
  File 164:Allied & Complementary Medicine 1984-2009/Jul
        (c) 2009 BLHCIS
  File 172:EMBASE Alert 2009/Jul 10
        (c) 2009 Elsevier B.V.
  File 266:FEDRIP 2009/May
       Comp & dist by NTIS, Intl Copyright All Rights Res
  File 369:New Scientist 1994-2009/Jul W1
        (c) 2009 Reed Business Information Ltd.
  File 370:Science 1996-1999/Jul W3
        (c) 1999 AAAS
*File 370: This file is closed (no updates). Use File 47 for more current
information.
  File 399:CA SEARCH(R) 1967-2009/UD=15103
        (c) 2009 American Chemical Society
*File 399: Use is subject to the terms of your user/customer agreement.
IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.
  File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
        (c) 2006 The Thomson Corp
  File 444:New England Journal of Med. 1985-2009/Jul W1
        (c) 2009 Mass. Med. Soc.
  File 457:The Lancet 1992-2009/Jul W1
        (c) 2009 Elsevier Limited.All rights res
  File 467:ExtraMED(tm) 2000/Dec
        (c) 2001 Informania Ltd.

      Set  Items  Description
      ---  -----  -----------
```

? s (PGD (w) SYNTHASE) OR (PROSTAGLANDIN (w) D (w) SYNTHASE) OR (PGD2 (w) SYNTHASE) OR (PDG2 (w)ISOMERASE) or (beta (w) trace (w) protein) or pgd or (prostaglandin (w) endoperoxidase (w) d (w) isomerase)

Processing
Processing
Processing
Processing
Processing

Processing
Processing
Processing
Processing
Processing

```
 5: Biosis Previews(R)_1926-2009/Jul W1
        101418  PROSTAGLANDIN
        990766  D
        127383  SYNTHASE
           359  PROSTAGLANDIN(W)D(W)SYNTHASE
          2549  PGD
        127383  SYNTHASE
            92  PGD(W)SYNTHASE
        101418  PROSTAGLANDIN
            70  ENDOPEROXIDASE
        990766  D
         16041  ISOMERASE
             0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
            16  PDG2
         16041  ISOMERASE
             0  PDG2(W)ISOMERASE
        876958  BETA
         64744  TRACE
       1973632  PROTEIN
           132  BETA(W)TRACE(W)PROTEIN
          1951  PGD2
        127383  SYNTHASE
            25  PGD2(W)SYNTHASE
          2549  PGD
          2945  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                ENDOPEROXIDASE (W) D (W) ISOMERASE)

34: SciSearch(R) Cited Ref Sci_1990-2009/Jul W1
          2621  PGD
        182080  SYNTHASE
            79  PGD(W)SYNTHASE
         52175  PROSTAGLANDIN
            22  ENDOPEROXIDASE
        883575  D
         15182  ISOMERASE
             0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
             3  PDG2
         15182  ISOMERASE
             0  PDG2(W)ISOMERASE
           616  PGD2
        182080  SYNTHASE
             6  PGD2(W)SYNTHASE
         52175  PROSTAGLANDIN
        883575  D
        182080  SYNTHASE
           481  PROSTAGLANDIN(W)D(W)SYNTHASE
        891876  BETA
        112342  TRACE
       1700384  PROTEIN
           215  BETA(W)TRACE(W)PROTEIN
          2621  PGD
          3113  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                ENDOPEROXIDASE (W) D (W) ISOMERASE)

 35: Dissertation Abs Online_1861-2009/Jun
```

```
             0  PDG2
           862  ISOMERASE
             0  PDG2(W)ISOMERASE
          2079  PROSTAGLANDIN
             1  ENDOPEROXIDASE
        127413  D
           862  ISOMERASE
             0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
            14  PGD2
          4767  SYNTHASE
             0  PGD2(W)SYNTHASE
          2079  PROSTAGLANDIN
        127413  D
          4767  SYNTHASE
             4  PROSTAGLANDIN(W)D(W)SYNTHASE
           168  PGD
          4767  SYNTHASE
             0  PGD(W)SYNTHASE
         48207  BETA
         15754  TRACE
         95405  PROTEIN
             1  BETA(W)TRACE(W)PROTEIN
           168  PGD
           173  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                ENDOPEROXIDASE (W) D (W) ISOMERASE)

45: EMCare_2009/Jul W1
             0  PDG2
           240  ISOMERASE
             0  PDG2(W)ISOMERASE
         10101  PROSTAGLANDIN
             4  ENDOPEROXIDASE
         78924  D
           240  ISOMERASE
             0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
             7  PGD2
         11454  SYNTHASE
             0  PGD2(W)SYNTHASE
         69254  BETA
          6860  TRACE
        149336  PROTEIN
            20  BETA(W)TRACE(W)PROTEIN
         10101  PROSTAGLANDIN
         78924  D
         11454  SYNTHASE
            19  PROSTAGLANDIN(W)D(W)SYNTHASE
           345  PGD
         11454  SYNTHASE
             2  PGD(W)SYNTHASE
           345  PGD
           376  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                ENDOPEROXIDASE (W) D (W) ISOMERASE)

65: Inside Conferences_1993-2009/Jul 13
             0  PDG2
           190  ISOMERASE
             0  PDG2(W)ISOMERASE
             5  PGD2
          3304  SYNTHASE
             0  PGD2(W)SYNTHASE
          1432  PROSTAGLANDIN
        111584  D
```

```
          3304  SYNTHASE
            16  PROSTAGLANDIN(W)D(W)SYNTHASE
           136  PGD
          3304  SYNTHASE
             0  PGD(W)SYNTHASE
         20573  BETA
         11573  TRACE
         44346  PROTEIN
            10  BETA(W)TRACE(W)PROTEIN
           136  PGD
           162  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                ENDOPEROXIDASE (W) D (W) ISOMERASE)

71: ELSEVIER BIOBASE_1994-2009/Jul W2
         17453  PROSTAGLANDIN
            16  ENDOPEROXIDASE
        255069  D
          5029  ISOMERASE
             0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
             2  PDG2
          5029  ISOMERASE
             0  PDG2(W)ISOMERASE
            57  PGD2
         57413  SYNTHASE
             2  PGD2(W)SYNTHASE
         17453  PROSTAGLANDIN
        255069  D
         57413  SYNTHASE
           184  PROSTAGLANDIN(W)D(W)SYNTHASE
        230757  BETA
         26838  TRACE
        826589  PROTEIN
            80  BETA(W)TRACE(W)PROTEIN
          1286  PGD
         57413  SYNTHASE
            60  PGD(W)SYNTHASE
          1286  PGD
          1459  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                ENDOPEROXIDASE (W) D (W) ISOMERASE)

72: EMBASE_1993-2009/Jul 09
          2124  PGD
         99701  SYNTHASE
            74  PGD(W)SYNTHASE
         54910  PROSTAGLANDIN
            22  ENDOPEROXIDASE
        403423  D
          6793  ISOMERASE
             0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
             4  PDG2
          6793  ISOMERASE
             0  PDG2(W)ISOMERASE
            90  PGD2
         99701  SYNTHASE
             3  PGD2(W)SYNTHASE
        459534  BETA
         28535  TRACE
       1580195  PROTEIN
           115  BETA(W)TRACE(W)PROTEIN
         54910  PROSTAGLANDIN
        403423  D
         99701  SYNTHASE
```

```
            354  PROSTAGLANDIN(W)D(W)SYNTHASE
           2124  PGD
           2455  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                 ENDOPEROXIDASE (W) D (W) ISOMERASE)

73: EMBASE_1974-2009/Jul 09
         108879  PROSTAGLANDIN
         622779  D
         116768  SYNTHASE
            373  PROSTAGLANDIN(W)D(W)SYNTHASE
         108879  PROSTAGLANDIN
             36  ENDOPEROXIDASE
         622779  D
           9672  ISOMERASE
              0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
              4  PDG2
           9672  ISOMERASE
              0  PDG2(W)ISOMERASE
            114  PGD2
         116768  SYNTHASE
              3  PGD2(W)SYNTHASE
         643201  BETA
          43978  TRACE
        1932180  PROTEIN
            137  BETA(W)TRACE(W)PROTEIN
           3584  PGD
         116768  SYNTHASE
             80  PGD(W)SYNTHASE
           3584  PGD
           3949  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                 ENDOPEROXIDASE (W) D (W) ISOMERASE)

91: MANTIS(TM)_1880-2009/Mar
            888  PROSTAGLANDIN
          11486  D
           1017  SYNTHASE
              0  PROSTAGLANDIN(W)D(W)SYNTHASE
              0  PDG2
             39  ISOMERASE
              0  PDG2(W)ISOMERASE
              7  PGD2
           1017  SYNTHASE
              0  PGD2(W)SYNTHASE
              9  PGD
           1017  SYNTHASE
              1  PGD(W)SYNTHASE
           6090  BETA
            720  TRACE
           9626  PROTEIN
              0  BETA(W)TRACE(W)PROTEIN
              9  PGD
              9  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                 ENDOPEROXIDASE (W) D (W) ISOMERASE)

98: General Sci Abs_1984-2009/Jul
              0  PDG2
            782  ISOMERASE
              0  PDG2(W)ISOMERASE
           1623  PROSTAGLANDIN
              1  ENDOPEROXIDASE
```

```
         37589  D
           782  ISOMERASE
             0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
          1623  PROSTAGLANDIN
         37589  D
          6975  SYNTHASE
            12  PROSTAGLANDIN(W)D(W)SYNTHASE
            50  PGD2
          6975  SYNTHASE
             0  PGD2(W)SYNTHASE
            49  PGD
          6975  SYNTHASE
             2  PGD(W)SYNTHASE
          3059  BETA
          3656  TRACE
         89885  PROTEIN
             0  BETA(W)TRACE(W)PROTEIN
            49  PGD
            60  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                ENDOPEROXIDASE (W) D (W) ISOMERASE)

135: NewsRx Weekly Reports_1995-2009/Jun W4
          4556  PROSTAGLANDIN
        210775  D
         15589  SYNTHASE
            71  PROSTAGLANDIN(W)D(W)SYNTHASE
            67  PGD2
         15589  SYNTHASE
             0  PGD2(W)SYNTHASE
          4556  PROSTAGLANDIN
             4  ENDOPEROXIDASE
        210775  D
           979  ISOMERASE
             0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
             2  PDG2
           979  ISOMERASE
             0  PDG2(W)ISOMERASE
         72654  BETA
          3596  TRACE
        203350  PROTEIN
            14  BETA(W)TRACE(W)PROTEIN
           400  PGD
         15589  SYNTHASE
            30  PGD(W)SYNTHASE
           400  PGD
           450  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                ENDOPEROXIDASE (W) D (W) ISOMERASE)

138: Physical Education Index_1990-2009/Jul
             3  PGD
           333  SYNTHASE
             0  PGD(W)SYNTHASE
             0  PGD2
           333  SYNTHASE
             0  PGD2(W)SYNTHASE
          1036  BETA
           112  TRACE
          2339  PROTEIN
             0  BETA(W)TRACE(W)PROTEIN
            54  PROSTAGLANDIN
          3913  D
           333  SYNTHASE
```

```
              0  PROSTAGLANDIN(W)D(W)SYNTHASE
              3  PGD
              3  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                 ENDOPEROXIDASE (W) D (W) ISOMERASE)

144: Pascal_1973-2009/Jul W2
           1359  PGD
          64663  SYNTHASE
             31  PGD(W)SYNTHASE
          54498  PROSTAGLANDIN
             11  ENDOPEROXIDASE
        4011339  D
           5749  ISOMERASE
              0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
              2  PDG2
           5749  ISOMERASE
              0  PDG2(W)ISOMERASE
             57  PGD2
          64663  SYNTHASE
              0  PGD2(W)SYNTHASE
          54498  PROSTAGLANDIN
        4011339  D
          64663  SYNTHASE
            118  PROSTAGLANDIN(W)D(W)SYNTHASE
         464706  BETA
         126724  TRACE
         676434  PROTEIN
             62  BETA(W)TRACE(W)PROTEIN
           1359  PGD
           1488  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                 ENDOPEROXIDASE (W) D (W) ISOMERASE)

149: TGG Health&Wellness DB(SM)_1976-2009/Jun W2
           3637  PROSTAGLANDIN
              2  ENDOPEROXIDASE
         353498  D
            457  ISOMERASE
              0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
              2  PDG2
            457  ISOMERASE
              0  PDG2(W)ISOMERASE
             23  PGD2
           5357  SYNTHASE
              1  PGD2(W)SYNTHASE
           3637  PROSTAGLANDIN
         353498  D
           5357  SYNTHASE
             29  PROSTAGLANDIN(W)D(W)SYNTHASE
          49843  BETA
           8413  TRACE
         100770  PROTEIN
              3  BETA(W)TRACE(W)PROTEIN
            258  PGD
           5357  SYNTHASE
              8  PGD(W)SYNTHASE
            258  PGD
            280  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                 ENDOPEROXIDASE (W) D (W) ISOMERASE)

154: MEDLINE(R)_1990-2009/Jul 10
```

```
          1644  PGD
         91688  SYNTHASE
            83  PGD(W)SYNTHASE
         45924  PROSTAGLANDIN
        457875  D
         91688  SYNTHASE
           225  PROSTAGLANDIN(W)D(W)SYNTHASE
         45924  PROSTAGLANDIN
            22  ENDOPEROXIDASE
        457875  D
          9157  ISOMERASE
             0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
             8  PDG2
          9157  ISOMERASE
             0  PDG2(W)ISOMERASE
        486269  BETA
         29566  TRACE
       1584913  PROTEIN
           105  BETA(W)TRACE(W)PROTEIN
          1167  PGD2
         91688  SYNTHASE
            18  PGD2(W)SYNTHASE
          1644  PGD
          1901  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                ENDOPEROXIDASE (W) D (W) ISOMERASE)

155: MEDLINE(R)_1950-2009/Jul 10
         75224  PROSTAGLANDIN
            25  ENDOPEROXIDASE
        707626  D
         12898  ISOMERASE
             1  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
            11  PDG2
         12898  ISOMERASE
             0  PDG2(W)ISOMERASE
        649469  BETA
         41630  TRACE
       1947598  PROTEIN
           128  BETA(W)TRACE(W)PROTEIN
          2086  PGD2
        103267  SYNTHASE
            18  PGD2(W)SYNTHASE
          1960  PGD
        103267  SYNTHASE
            85  PGD(W)SYNTHASE
         75224  PROSTAGLANDIN
        707626  D
        103267  SYNTHASE
           226  PROSTAGLANDIN(W)D(W)SYNTHASE
          1960  PGD
          2241  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                ENDOPEROXIDASE (W) D (W) ISOMERASE)

156: ToxFile_1965-2009/Jul W1
         18882  PROSTAGLANDIN
        145478  D
         24356  SYNTHASE
            20  PROSTAGLANDIN(W)D(W)SYNTHASE
        126218  BETA
         20995  TRACE
        350110  PROTEIN
             0  BETA(W)TRACE(W)PROTEIN
```

```
         18882  PROSTAGLANDIN
             7  ENDOPEROXIDASE
        145478  D
          1804  ISOMERASE
             0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
             1  PDG2
          1804  ISOMERASE
             0  PDG2(W)ISOMERASE
           165  PGD
         24356  SYNTHASE
             9  PGD(W)SYNTHASE
           352  PGD2
         24356  SYNTHASE
             4  PGD2(W)SYNTHASE
           165  PGD
           181  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                ENDOPEROXIDASE (W) D (W) ISOMERASE)

159: Cancerlit_1975-2002/Oct
         10671  PROSTAGLANDIN
         86995  D
         12549  SYNTHASE
            14  PROSTAGLANDIN(W)D(W)SYNTHASE
         10671  PROSTAGLANDIN
             1  ENDOPEROXIDASE
         86995  D
           958  ISOMERASE
             0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
             1  PDG2
           958  ISOMERASE
             0  PDG2(W)ISOMERASE
        106462  BETA
          2837  TRACE
        292642  PROTEIN
             5  BETA(W)TRACE(W)PROTEIN
            99  PGD
         12549  SYNTHASE
             7  PGD(W)SYNTHASE
           252  PGD2
         12549  SYNTHASE
             4  PGD2(W)SYNTHASE
            99  PGD
           116  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                ENDOPEROXIDASE (W) D (W) ISOMERASE)

162: Global Health_1983-2009/Jul W1
             0  PDG2
           872  ISOMERASE
             0  PDG2(W)ISOMERASE
          3276  PROSTAGLANDIN
             1  ENDOPEROXIDASE
         81849  D
           872  ISOMERASE
             0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
             9  PGD2
          7156  SYNTHASE
             1  PGD2(W)SYNTHASE
          3276  PROSTAGLANDIN
         81849  D
          7156  SYNTHASE
             8  PROSTAGLANDIN(W)D(W)SYNTHASE
           143  PGD
```

```
          7156  SYNTHASE
             0  PGD(W)SYNTHASE
         50574  BETA
         15137  TRACE
        140114  PROTEIN
             2  BETA(W)TRACE(W)PROTEIN
           143  PGD
           153  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                ENDOPEROXIDASE (W) D (W) ISOMERASE)

164: Allied & Complementary Medicine_1984-2009/Jul
           212  PROSTAGLANDIN
          4467  D
           296  SYNTHASE
             0  PROSTAGLANDIN(W)D(W)SYNTHASE
             2  PGD
           296  SYNTHASE
             0  PGD(W)SYNTHASE
             0  PDG2
             2  ISOMERASE
             0  PDG2(W)ISOMERASE
          1947  BETA
           323  TRACE
          1528  PROTEIN
             0  BETA(W)TRACE(W)PROTEIN
             2  PGD2
           296  SYNTHASE
             0  PGD2(W)SYNTHASE
             2  PGD
             2  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                ENDOPEROXIDASE (W) D (W) ISOMERASE)

172: EMBASE Alert_2009/Jul 10
           577  PROSTAGLANDIN
         10047  D
          1955  SYNTHASE
             7  PROSTAGLANDIN(W)D(W)SYNTHASE
             0  PDG2
           171  ISOMERASE
             0  PDG2(W)ISOMERASE
           577  PROSTAGLANDIN
             1  ENDOPEROXIDASE
         10047  D
           171  ISOMERASE
             0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
             4  PGD2
          1955  SYNTHASE
             1  PGD2(W)SYNTHASE
          9561  BETA
           822  TRACE
         28117  PROTEIN
             3  BETA(W)TRACE(W)PROTEIN
            54  PGD
          1955  SYNTHASE
             1  PGD(W)SYNTHASE
            54  PGD
            61  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                ENDOPEROXIDASE (W) D (W) ISOMERASE)

266: FEDRIP_2009/May
```

```
              0  PGD
             43  SYNTHASE
              0  PGD(W)SYNTHASE
            145  BETA
            633  TRACE
           1340  PROTEIN
              0  BETA(W)TRACE(W)PROTEIN
              2  PROSTAGLANDIN
           1752  D
             43  SYNTHASE
              0  PROSTAGLANDIN(W)D(W)SYNTHASE
              0  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                 ENDOPEROXIDASE (W) D (W) ISOMERASE)

369: New Scientist_1994-2009/Jul W1
              0  PGD2
             34  SYNTHASE
              0  PGD2(W)SYNTHASE
            353  BETA
            898  TRACE
           2539  PROTEIN
              0  BETA(W)TRACE(W)PROTEIN
             19  PROSTAGLANDIN
           2845  D
             34  SYNTHASE
              0  PROSTAGLANDIN(W)D(W)SYNTHASE
             30  PGD
             34  SYNTHASE
              0  PGD(W)SYNTHASE
             30  PGD
             30  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                 ENDOPEROXIDASE (W) D (W) ISOMERASE)

370: Science_1996-1999/Jul W3
              0  PGD2
            147  SYNTHASE
              0  PGD2(W)SYNTHASE
             16  PROSTAGLANDIN
           4698  D
            147  SYNTHASE
              0  PROSTAGLANDIN(W)D(W)SYNTHASE
              5  PGD
            147  SYNTHASE
              0  PGD(W)SYNTHASE
           1186  BETA
            553  TRACE
           2329  PROTEIN
              0  BETA(W)TRACE(W)PROTEIN
              5  PGD
              5  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                 ENDOPEROXIDASE (W) D (W) ISOMERASE)

399: CA SEARCH(R)_1967-2009/UD=15103
          51980  PROSTAGLANDIN
             15  ENDOPEROXIDASE
         484609  D(DENSITY OR DEBYE UNIT)
          17224  ISOMERASE(SEE ?IGNOTE)
              0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
             14  PDG2
          17224  ISOMERASE(SEE ?IGNOTE)
```

```
              0  PDG2(W)ISOMERASE
            414  PGD
          59427  SYNTHASE
             27  PGD(W)SYNTHASE
            963  PGD2
          59427  SYNTHASE
             20  PGD2(W)SYNTHASE
          51980  PROSTAGLANDIN
         484609  D(DENSITY OR DEBYE UNIT)
          59427  SYNTHASE
            235  PROSTAGLANDIN(W)D(W)SYNTHASE
         592238  BETA
         165843  TRACE
        1552695  PROTEIN
             81  BETA(W)TRACE(W)PROTEIN
            414  PGD
            721  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                 ENDOPEROXIDASE (W) D (W) ISOMERASE)

434: SciSearch(R) Cited Ref Sci_1974-1989/Dec
           27018  PROSTAGLANDIN
           72992  D
           11427  SYNTHASE
               1  PROSTAGLANDIN(W)D(W)SYNTHASE
           27018  PROSTAGLANDIN
               0  ENDOPEROXIDASE
           72992  D
            1602  ISOMERASE
               0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
               1  PDG2
            1602  ISOMERASE
               0  PDG2(W)ISOMERASE
              78  PGD
           11427  SYNTHASE
               0  PGD(W)SYNTHASE
             123  PGD2
           11427  SYNTHASE
               0  PGD2(W)SYNTHASE
          130887  BETA
           19351  TRACE
          213976  PROTEIN
              13  BETA(W)TRACE(W)PROTEIN
              78  PGD
              92  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                  OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                  (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                  ENDOPEROXIDASE (W) D (W) ISOMERASE)

444: New England Journal of Med._1985-2009/Jul W1
             529  PROSTAGLANDIN
           28834  D
             376  SYNTHASE
               0  PROSTAGLANDIN(W)D(W)SYNTHASE
               0  PGD2
             376  SYNTHASE
               0  PGD2(W)SYNTHASE
             529  PROSTAGLANDIN
               1  ENDOPEROXIDASE
           28834  D
              36  ISOMERASE
               0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
            4343  BETA
             591  TRACE
            6033  PROTEIN
```

```
              0  BETA(W)TRACE(W)PROTEIN
             18  PGD
            376  SYNTHASE
              0  PGD(W)SYNTHASE
             18  PGD
             18  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                 ENDOPEROXIDASE (W) D (W) ISOMERASE)

457: The Lancet_1992-2009/Jul W1
              2  PGD2
            546  SYNTHASE
              0  PGD2(W)SYNTHASE
            324  PROSTAGLANDIN
          13586  D
            546  SYNTHASE
              0  PROSTAGLANDIN(W)D(W)SYNTHASE
              0  PDG2
             19  ISOMERASE
              0  PDG2(W)ISOMERASE
            324  PROSTAGLANDIN
              1  ENDOPEROXIDASE
          13586  D
             19  ISOMERASE
              0  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
           3368  BETA
            449  TRACE
           5596  PROTEIN
              0  BETA(W)TRACE(W)PROTEIN
             31  PGD
            546  SYNTHASE
              0  PGD(W)SYNTHASE
             31  PGD
             31  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                 ENDOPEROXIDASE (W) D (W) ISOMERASE)

467: ExtraMED(tm)_2000/Dec
             56  PROSTAGLANDIN
            678  D
             23  SYNTHASE
              0  PROSTAGLANDIN(W)D(W)SYNTHASE
              0  PGD
             23  SYNTHASE
              0  PGD(W)SYNTHASE
            139  BETA
             86  TRACE
            670  PROTEIN
              0  BETA(W)TRACE(W)PROTEIN
              1  PGD2
             23  SYNTHASE
              0  PGD2(W)SYNTHASE
              0  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
                 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
                 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
                 ENDOPEROXIDASE (W) D (W) ISOMERASE)

TOTAL: FILES 5,34,35 and ...
          19534  PGD
        1010094  SYNTHASE
            671  PGD(W)SYNTHASE
         648413  PROSTAGLANDIN
       10206464  D
        1010094  SYNTHASE
```

```
          2756  PROSTAGLANDIN(W)D(W)SYNTHASE
          8019  PGD2
       1010094  SYNTHASE
           106  PGD2(W)SYNTHASE
            71  PDG2
        106804  ISOMERASE
             0  PDG2(W)ISOMERASE
       6000907  BETA
        753559  TRACE
      15514671  PROTEIN
          1126  BETA(W)TRACE(W)PROTEIN
         19534  PGD
        648413  PROSTAGLANDIN
           263  ENDOPEROXIDASE
      10206464  D
        106804  ISOMERASE
             1  PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
S1      22474  (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
               OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
               (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
               ENDOPEROXIDASE (W) D (W) ISOMERASE)
```

? s s1 and rheumatoid (w) arthritis

```
 5: Biosis Previews(R)_1926-2009/Jul W1
         77572  RHEUMATOID
        106286  ARTHRITIS
         67987  RHEUMATOID(W)ARTHRITIS
          2945  S1
             8  S1 AND RHEUMATOID (W) ARTHRITIS

34: SciSearch(R) Cited Ref Sci_1990-2009/Jul W1
         79698  RHEUMATOID
        112926  ARTHRITIS
         74850  RHEUMATOID(W)ARTHRITIS
          3113  S1
            19  S1 AND RHEUMATOID (W) ARTHRITIS

35: Dissertation Abs Online_1861-2009/Jun
          1121  RHEUMATOID
          1868  ARTHRITIS
          1004  RHEUMATOID(W)ARTHRITIS
           173  S1
             0  S1 AND RHEUMATOID (W) ARTHRITIS

45: EMCare_2009/Jul W1
         17759  RHEUMATOID
         28159  ARTHRITIS
         17057  RHEUMATOID(W)ARTHRITIS
           376  S1
             1  S1 AND RHEUMATOID (W) ARTHRITIS

65: Inside Conferences_1993-2009/Jul 13
          2215  RHEUMATOID
          3562  ARTHRITIS
          1860  RHEUMATOID(W)ARTHRITIS
           162  S1
             0  S1 AND RHEUMATOID (W) ARTHRITIS

71: ELSEVIER BIOBASE_1994-2009/Jul W2
         17188  RHEUMATOID
         24581  ARTHRITIS
         15948  RHEUMATOID(W)ARTHRITIS
          1459  S1
```

```
             4  S1 AND RHEUMATOID (W) ARTHRITIS

 72: EMBASE_1993-2009/Jul 09
         53889  RHEUMATOID
        137079  ARTHRITIS
         50804  RHEUMATOID(W)ARTHRITIS
          2455  S1
             7  S1 AND RHEUMATOID (W) ARTHRITIS

 73: EMBASE_1974-2009/Jul 09
         85977  RHEUMATOID
        244419  ARTHRITIS
         80073  RHEUMATOID(W)ARTHRITIS
          3949  S1
            10  S1 AND RHEUMATOID (W) ARTHRITIS

 91: MANTIS(TM)_1880-2009/Mar
             9  S1
          3988  RHEUMATOID
          6400  ARTHRITIS
          3531  RHEUMATOID(W)ARTHRITIS
             0  S1 AND RHEUMATOID (W) ARTHRITIS

 98: General Sci Abs_1984-2009/Jul
           975  RHEUMATOID
          1951  ARTHRITIS
           943  RHEUMATOID(W)ARTHRITIS
            60  S1
             0  S1 AND RHEUMATOID (W) ARTHRITIS

135: NewsRx Weekly Reports_1995-2009/Jun W4
          7925  RHEUMATOID
         14645  ARTHRITIS
          7547  RHEUMATOID(W)ARTHRITIS
           450  S1
             2  S1 AND RHEUMATOID (W) ARTHRITIS

138: Physical Education Index_1990-2009/Jul
           137  RHEUMATOID
           807  ARTHRITIS
           133  RHEUMATOID(W)ARTHRITIS
             3  S1
             0  S1 AND RHEUMATOID (W) ARTHRITIS

144: Pascal_1973-2009/Jul W2
         35117  RHEUMATOID
         49089  ARTHRITIS
         33083  RHEUMATOID(W)ARTHRITIS
          1488  S1
             4  S1 AND RHEUMATOID (W) ARTHRITIS

149: TGG Health&Wellness DB(SM)_1976-2009/Jun W2
           280  S1
         14271  RHEUMATOID
         28523  ARTHRITIS
         13321  RHEUMATOID(W)ARTHRITIS
             1  S1 AND RHEUMATOID (W) ARTHRITIS

154: MEDLINE(R)_1990-2009/Jul 10
         50481  RHEUMATOID
         74635  ARTHRITIS
         38314  RHEUMATOID(W)ARTHRITIS
          1901  S1
             3  S1 AND RHEUMATOID (W) ARTHRITIS

155: MEDLINE(R)_1950-2009/Jul 10
```

```
           2241  S1
          95535  RHEUMATOID
         134193  ARTHRITIS
          59741  RHEUMATOID(W)ARTHRITIS
              3  S1 AND RHEUMATOID (W) ARTHRITIS

156: ToxFile_1965-2009/Jul W1
            181  S1
          15542  RHEUMATOID
          21547  ARTHRITIS
          10365  RHEUMATOID(W)ARTHRITIS
              0  S1 AND RHEUMATOID (W) ARTHRITIS

159: Cancerlit_1975-2002/Oct
            116  S1
           7687  RHEUMATOID
           9859  ARTHRITIS
           5548  RHEUMATOID(W)ARTHRITIS
              0  S1 AND RHEUMATOID (W) ARTHRITIS

162: Global Health_1983-2009/Jul W1
           2756  RHEUMATOID
           6098  ARTHRITIS
           2280  RHEUMATOID(W)ARTHRITIS
            153  S1
              0  S1 AND RHEUMATOID (W) ARTHRITIS

164: Allied & Complementary Medicine_1984-2009/Jul
              2  S1
           1709  RHEUMATOID
           2888  ARTHRITIS
           1271  RHEUMATOID(W)ARTHRITIS
              0  S1 AND RHEUMATOID (W) ARTHRITIS

172: EMBASE Alert_2009/Jul 10
           1092  RHEUMATOID
           1737  ARTHRITIS
           1040  RHEUMATOID(W)ARTHRITIS
             61  S1
              0  S1 AND RHEUMATOID (W) ARTHRITIS

266: FEDRIP_2009/May
              0  S1
              1  RHEUMATOID
              5  ARTHRITIS
              1  RHEUMATOID(W)ARTHRITIS
              0  S1 AND RHEUMATOID (W) ARTHRITIS

369: New Scientist_1994-2009/Jul W1
             99  RHEUMATOID
            255  ARTHRITIS
             99  RHEUMATOID(W)ARTHRITIS
             30  S1
              0  S1 AND RHEUMATOID (W) ARTHRITIS

370: Science_1996-1999/Jul W3
             25  RHEUMATOID
             71  ARTHRITIS
             24  RHEUMATOID(W)ARTHRITIS
              5  S1
              1  S1 AND RHEUMATOID (W) ARTHRITIS

399: CA SEARCH(R)_1967-2009/UD=15103
          30102  RHEUMATOID
          41733  ARTHRITIS
          26825  RHEUMATOID(W)ARTHRITIS
```

```
             721  S1
               2  S1 AND RHEUMATOID (W) ARTHRITIS

434: SciSearch(R) Cited Ref Sci_1974-1989/Dec
              92  S1
           21638  RHEUMATOID
           27143  ARTHRITIS
           18037  RHEUMATOID(W)ARTHRITIS
               0  S1 AND RHEUMATOID (W) ARTHRITIS

444: New England Journal of Med._1985-2009/Jul W1
              18  S1
            1150  RHEUMATOID
            1803  ARTHRITIS
             919  RHEUMATOID(W)ARTHRITIS
               0  S1 AND RHEUMATOID (W) ARTHRITIS

457: The Lancet_1992-2009/Jul W1
             769  RHEUMATOID
            1329  ARTHRITIS
             673  RHEUMATOID(W)ARTHRITIS
              31  S1
               1  S1 AND RHEUMATOID (W) ARTHRITIS

467: ExtraMED(tm)_2000/Dec
               0  S1
              87  RHEUMATOID
             124  ARTHRITIS
              75  RHEUMATOID(W)ARTHRITIS
               0  S1 AND RHEUMATOID (W) ARTHRITIS

TOTAL: FILES 5,34,35 and ...
           22474  S1
          626505  RHEUMATOID
         1083715  ARTHRITIS
          533353  RHEUMATOID(W)ARTHRITIS
      S2      66  S1 AND RHEUMATOID (W) ARTHRITIS
```

? **rd**

```
      S3      36  RD  (unique items)
```

? **t s3 not py>2004**

```
>>> 'NOT' not allowed in command
```

? **s s3 not py>2004**

Processing
Processing
Processing

```
  5: Biosis Previews(R)_1926-2009/Jul W1
               8  S3
         2701432  PY>2004
               1  S3 NOT PY>2004

 34: SciSearch(R) Cited Ref Sci_1990-2009/Jul W1
              15  S3
         5758875  PY>2004
              14  S3 NOT PY>2004
```

```
 35: Dissertation Abs Online_1861-2009/Jun
             0  S3
        257017  PY>2004
             0  S3 NOT PY>2004

 45: EMCare_2009/Jul W1
             0  S3
        971404  PY>2004
             0  S3 NOT PY>2004

 65: Inside Conferences_1993-2009/Jul 13
             0  S3
       1464524  PY>2004
             0  S3 NOT PY>2004

 71: ELSEVIER BIOBASE_1994-2009/Jul W2
             1  S3
       1434404  PY>2004
             1  S3 NOT PY>2004

 72: EMBASE_1993-2009/Jul 09
             1  S3
       2614110  PY>2004
             1  S3 NOT PY>2004

 73: EMBASE_1974-2009/Jul 09
             3  S3
       2614110  PY>2004
             3  S3 NOT PY>2004

 91: MANTIS(TM)_1880-2009/Mar
             0  S3
         12474  PY>2004
             0  S3 NOT PY>2004

 98: General Sci Abs_1984-2009/Jul
             0  S3
        234256  PY>2004
             0  S3 NOT PY>2004

135: NewsRx Weekly Reports_1995-2009/Jun W4
             2  S3
        850535  PY>2004
             1  S3 NOT PY>2004

138: Physical Education Index_1990-2009/Jul
             0  S3
          53635  PY>2004
             0  S3 NOT PY>2004

144: Pascal_1973-2009/Jul W2
             1  S3
       2045258  PY>2004
             1  S3 NOT PY>2004

149: TGG Health&Wellness DB(SM)_1976-2009/Jun W2
             1  S3
       1660785  PY>2004
             0  S3 NOT PY>2004

154: MEDLINE(R)_1990-2009/Jul 10
             0  S3
       3124016  PY>2004
             0  S3 NOT PY>2004
```

```
155: MEDLINE(R)_1950-2009/Jul 10
               0  S3
         3124016  PY>2004
               0  S3 NOT PY>2004

156: ToxFile_1965-2009/Jul W1
               0  S3
          435571  PY>2004
               0  S3 NOT PY>2004

159: Cancerlit_1975-2002/Oct
               0  S3
               0  PY>2004
               0  S3 NOT PY>2004

162: Global Health_1983-2009/Jul W1
               0  S3
          429872  PY>2004
               0  S3 NOT PY>2004

164: Allied & Complementary Medicine_1984-2009/Jul
               0  S3
           47603  PY>2004
               0  S3 NOT PY>2004

172: EMBASE Alert_2009/Jul 10
               0  S3
          237752  PY>2004
               0  S3 NOT PY>2004

266: FEDRIP_2009/May
>>>Prefix "PY" is undefined
               0  S3
               0  PY>2004
               0  S3 NOT PY>2004

369: New Scientist_1994-2009/Jul W1
               0  S3
           14867  PY>2004
               0  S3 NOT PY>2004

370: Science_1996-1999/Jul W3
               1  S3
               0  PY>2004
               1  S3 NOT PY>2004

399: CA SEARCH(R)_1967-2009/UD=15103
               2  S3
         4357153  PY>2004
               1  S3 NOT PY>2004

434: SciSearch(R) Cited Ref Sci_1974-1989/Dec
               0  S3
               0  PY>2004
               0  S3 NOT PY>2004

444: New England Journal of Med._1985-2009/Jul W1
               0  S3
            5720  PY>2004
               0  S3 NOT PY>2004

457: The Lancet_1992-2009/Jul W1
               1  S3
           11907  PY>2004
               1  S3 NOT PY>2004
```

```
467: ExtraMED(tm)_2000/Dec
                0  S3
                0  PY>2004
                0  S3 NOT PY>2004

TOTAL: FILES 5,34,35 and ...
               36  S3
         34461296  PY>2004
       S4      25  S3 NOT PY>2004
```

? **t s4/k/all**

```
>>> KWIC option is not available in file(s): 399
```

4/K/1 (Item 1 from file: 5)
DIALOG(R)File 5: Biosis Previews(R)

Abstract: ...metabolites on the synthesis of 1,25(OH)-2D-3 in synovial fluid macrophages from patients with inflammatory arthritis (IA), most of whom had chronic **rheumatoid arthritis** (RA). After exposure to IFN-gamma and/or arachidonic acid metabolites (eicosanoids), the synthesis of 1,25(OH)-2D-3 was determined by incubating macrophages... ...01-1 mu-M) each stimulated 1,25(OH)-2D-3 synthesis in a dose-dependent manner after 24 h, whilst PGA-2, PGB-2, **PGD**-2, PGE-1 and PGE-2 (0.1-10 mu-M) all inhibited synthesis after 24 h in cells pre-activated with 4 nM IFN...
DESCRIPTORS:
Miscellaneous Terms: Concept Codes: ...**RHEUMATOID ARTHRITIS**;

4/K/2 (Item 1 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

Abstract: As for the pathogenesis of **rheumatoid arthritis** (RA), prostaglandins (PGs) act as important mediators of inflammation and joint destruction. Among them, **PGD**(2) is well recognized as a potent regulator of osteoblastic functions. We previously showed that **PGD** (2) stimulates the induction of heat shock protein 27 (HSP27) via protein kinase C (PKC)-dependent p38 mitogen-activated protein (MAP) kinase and p44/p42... ...the other hand, methotrexate (MTX) is one of the most effective medicines for the treatment of RA. Here, we examined the effect of MTX on **PGD** (2)-stimulated HSP27 induction in MC3T3-E1 cells. The cells were pretreated with various doses of MTX including therapeutic dosage for RA, and then stimulated by **PGD**(2). MTX significantly enhanced the **PGD**(2)-increased levels of HSP27 in a dose-dependent manner, although MTX alone had no effect on the levels of HSP27. In addition, MTX amplified the **PGD**(2)-increased levels of HSP27 mRNA. On the contrary, MTX had little effect on **PGD**(2)-induced formation of inositol phosphates, PKC activation and phosphorylations of MAP kinases. Our results strongly suggest that MTX enhances **PGD**(2)-stimulated HSP27 induction at a point downstream from MAP kinases in osteoblasts. (C) 2004 Elsevier Ltd. All rights reserved.
Identifiers-- ...ALPHA-B-CRYSTALLIN; HEAT-SHOCK-PROTEIN; JUVENILE **RHEUMATOID**- **ARTHRITIS**; STRESS-INDUCED SYNTHESIS; PULSE METHOTREXATE; SYNOVIAL-FLUID; GLIOMA-CELLS; CYCLIC-AMP; KINASE-C; EXPRESSION

4/K/3 (Item 2 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

Abstract: ...J2) in human articular chondrocyte apoptosis. 15d-PG J2 was released by human articular chondrocytes

and found in joint synovial fluids taken from osteoarthritis or **rheumatoid arthritis** patients. Proinflammatory cytokines such as interleukin-1beta (IL-1beta) and tumor necrosis factor-alpha (TNF-alpha) up-regulated chondrocyte release of 15d-PG J2. PG D2 synthase mRNA expression was upregulated by IL-1beta, TNF-alpha, or nitric oxide. 15d-PG J2 induced apoptosis of chondrocytes from osteoarthritis or **rheumatoid arthritis** patients as well as control nonarthritic subjects in a time- and dose-dependent manner and in a peroxisome proliferator-activated receptor gamma-dependent manner. Peroxisome...
Identifiers-- ...ACTIVATED RECEPTOR-GAMMA; **PROSTAGLANDIN-D SYNTHASE**; OXIDE-INDUCED APOPTOSIS; PROTEIN-KINASE; NITRIC-OXIDE; PPAR-GAMMA; **RHEUMATOID-ARTHRITIS**; OXIDATIVE STRESS; CANCER CELLS; J(2)

4/K/4 (Item 3 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

Abstract: ...homeostasis. it has been recently demonstrated that PPARgamma is present in a variety of cell types. Synthetic antidiabetic thiazolidinediones (TZDs) and natural prostaglandin D-2 (**PGD**(2)) metabolite, 15-deoxy-Delta (12,) (14)-prostaglandin J(2) (15d-PGJ(2)), are well-known as ligands for PPARgamma. After it has been reported... ...and a huge research effort has been concentrated. PPARgamma, is currently known to be implicated in various human chronic diseases such as diabetes mellitus, atherosclerosis, **rheumatoid arthritis**, inflammatory bowel disease, and Alzheimer's disease. Moreover, PPARgamma ligands have potent tumor modulatory effects against colorectal, prostate, and breast cancers. Recent studies suggest that...
Identifiers--

4/K/5 (Item 4 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

Abstract: ...5 min; no degranulation was observed using heat-generated aggregates of IgG(2), IgG(3), or IgG(4). Activation using aggregated IgG(1) led to **PGD**(2) and LTC4 generation as well as enhanced IL-3, IL-13, GM-CSF, and TNFalpha production. Preincubation of cells with F(ab')(2) from...
Identifiers-- ...NECROSIS-FACTOR-ALPHA; HIGH-AFFINITY; **RHEUMATOID-ARTHRITIS** ; SIGNAL-TRANSDUCTION; CROHNS-DISEASE; UP-REGULATION; IFN-GAMMA; RECEPTOR; LINE; EXPRESSION

4/K/6 (Item 5 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

Abstract: The **PGD**(2) metabolite 15-deoxy-delta12,14 PGJ(2) (15d-PGJ(2)), a potent peroxisome proliferator-activated receptor gamma (PPARgamma) activator, has recently received attention for...
Identifiers-- ...ACTIVATED RECEPTOR-GAMMA; PPAR-GAMMA; INDUCIBLE CYCLOOXYGENASE; **RHEUMATOID-ARTHRITIS**; NITRIC-OXIDE; PEROXISOME; J(2)

4/K/7 (Item 6 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

Abstract: ...induction, to determine whether it can act directly in the CNS. In the kainate-treated rat brain there was increased PGE(2), PGF(2alpha), and **PGD**(2) production, with COX activity and PGE(2) formation increased about 7-fold over normal. We quantitated mRNA levels for enzymes involved in the prostaglandin... ...that both COX-2 and

PGE synthase (PGEs) mRNA levels were increased in the brain; no changes were found for expression of COX-1 or **PGD synthase** mRNA. By Western blot analysis, COX-2 and PGEs were induced in total brain, hippocampus, and cortex, but not in the spinal cord. Immunohistological studies...
Identifiers-- ...PROSTAGLANDIN-E SYNTHASE; KAINIC ACID; MESSENGER-RNA; IN-VIVO; INDUCIBLE CYCLOOXYGENASE; SELECTIVE-INHIBITION; **RHEUMATOID-ARTHRITIS**; TRANSGENIC MICE; FOCAL ISCHEMIA; CELL-DEATH

4/K/8 (Item 7 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

Abstract: ...bone marrow-derived mast cells (BMMC), stimulated with stem cell factor,IL-1beta, and IL-10, secrete IL-6 and demonstrate a delayed phase of **PGD**(2) generation that is dependent upon the induced expression of PG endoperoxide synthase (PGHS)-2. We have examined the potential for exogenous prostanoids, acting in... ...2), which is a ligand for peroxisome proliferator-activated receptor (PPAR)gamma, elicited a 2- to 3-fold amplification of PGHS-2 induction, delayed-phase **PGD**, generation, and IL-6 secretion in response to stem cell factor, IL-10, and IL-10. The effect of PGE2 was reproduced by the E... ...not IL-6 secretion, was impaired in cPLA(2)-deficient BMMC. However, there was no impairment of PGHS-2 induction in BMMC deficient in hematopoietic **PGD synthase** or PGHS-1 in the presence or absence of the PGHS-2 inhibitor, NS-398. Thus, although exogenous prostanoids may contribute to amplification of the...
Identifiers-- ...CYTOSOLIC PHOSPHOLIPASE A(2); CYCLOOXYGENASE-2 EXPRESSION; 15-DEOXY-DELTA(12,14)-PROSTAGLANDIN J(2); INTERLEUKIN-6 PRODUCTION; **RHEUMATOID-ARTHRITIS**; ARACHIDONIC-ACID; PPAR-GAMMA; PEROXISOME PROLIFERATORS; MEDIATED ACTIVATION; D-2 GENERATION

4/K/9 (Item 8 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

Abstract: ...recent and puzzling data shows that COX-2 is induced during the resolution of an inflammatory response, and at this point it produces anti-inflammatory (**PGD**(2) and PGF(2 alpha)), but not proinflammatory (PGE(2)) prostaglandins; inhibition of COX-2 at this point thus results in persistence of the inflammation...
Identifiers-- ...NONSTEROIDAL ANTIINFLAMMATORY DRUGS; PROSTAGLANDIN ENDOPEROXIDE SYNTHASE-1; MITOGEN-INDUCIBLE CYCLOOXYGENASE; NECROSIS-FACTOR-ALPHA; 5-LIPOXYGENASE INHIBITORS; **RHEUMATOID-ARTHRITIS**; 7-TERT-BUTYL-2,3-DIHYDRO-3,3-DIMETHYLBENZOFURAN DERIVATIVES; CYCLOOXYGENASE-2/5-LIPOXYGENASE INHIBITORS; ANALGESIC AGENTS; HUMAN MONOCYTES

4/K/10 (Item 9 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

Abstract: ...in 40% beta -hexosaminidase (beta -hex) release; minimal degranulation was observed using IgG(2), IgG (3) or IgG(4). IgG(1)-dependent activation led to **PGD**(2) and LTC4 generation as well as elevated cytokine production, most notably TNF-alpha. Preincubation of cells with F(ab')(2) from CD64-specific clones...
Identifiers-- ...NECROSIS-FACTOR-ALPHA; COLONY-STIMULATING FACTOR; HIGH-AFFINITY; **RHEUMATOID-ARTHRITIS**; CROHNS-DISEASE; RECEPTOR; NEUTROPHILS; VASCULITIS; EXPRESSION

4/K/11 (Item 10 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

Abstract: ...q32-34 region of human chromosome 9, together with at least four other lipocalins (neutrophil gelatinase-associated lipocalin, complement factor gamma -subunit, tear prealbumin, and **prostaglandin D synthase**) that also may have anti-inflammatory and/or antimicrobial activity. This review addresses important features of this genetically linked subfamily of lipocalins (involvement with the...
Identifiers-- ...**PROSTAGLANDIN-D-SYNTHASE**; ACUTE-PHASE PROTEINS; SIALYL-LEWIS-X; GELATINASE-ASSOCIATED LIPOCALIN; HUMAN ALPHA-1-ACID GLYCOPROTEIN; HUMAN PLACENTAL PROTEIN-14; ALPHA-TRYPSIN INHIBITOR; NECROSIS-FACTOR-ALPHA; ALPHA(1)-ACID GLYCOPROTEIN; **RHEUMATOID- ARTHRITIS**

4/K/12 (Item 11 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

Abstract: ...4736 a PAF receptor antagonist were evaluated for their effects in the murine air pouch granuloma. SE 203347 reduced both LTB4 and PAF, but not **PGD**(2) levels measured in the day 6 granuloma. This correlated with a significant reduction in angiogenesis. Zileuton reduced LTB4 levels as expected, but did not...
Identifiers-- ...CHRONIC GRANULOMATOUS TISSUE; NECROSIS-FACTOR-ALPHA; SKIN IN-VIVO; PHOSPHOLIPASE A(2); ARACHIDONIC-ACID; POLYMORPHONUCLEAR LEUKOCYTES; **RHEUMATOID-ARTHRITIS**; ENDOTHELIAL-CELLS; PROSTAGLANDIN D-2; BIOSYNTHESIS

4/K/13 (Item 12 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

Abstract: ...of antiinflammatory and immunosuppressive agents were evaluated on the in vitro release of histamine and tryptase and the de novo synthesis of prostaglandin D-2 (**PGD**(2)) and leukotriene C-4 (LTC(4)) by HSyMC challenged with anti-IgE and substance P.

Results. Nimesulide, a sulfonanilide nonsteroidal antiinflammatory drug (NSAID) chemically... ...piroxicam had little or no effect on HSyMC activated by anti-IgE, ASA, diclofenac, piroxicam, and nimesulide caused a concentration-dependent inhibition of IgE-mediated **PGD**(2) release from HSyMC, Nimesulide, but not diclofenac or piroxicam, also inhibited the de novo synthesis of LTC(4) by HSyMC challenged with anti-IgE...
Identifiers-- ...INHIBITS MEDIATOR RELEASE; **RHEUMATOID-ARTHRITIS**; HUMAN BASOPHILS; IN-VIVO; CYCLOSPORINE-A; ACTIVATION; FK506; RAPAMYCIN; HISTAMINE; INFLAMMATION
Research Fronts: 95-0139 001 (NONSTEROIDAL ANTIINFLAMMATORY DRUGS; PROSTAGLANDIN-SYNTHASE-2 GENE DISRUPTION CAUSES SEVERE RENAL PATHOLOGY)
95-1243 001 (**RHEUMATOID-ARTHRITIS** PATIENTS RECEIVING LONG-TERM METHOTREXATE THERAPY; CLINICAL PROTOCOLS; CATEGORY-III SYMPTOM-MODIFYING ANTIRHEUMATIC DRUGS)
95-4370 001 (CALCINEURIN INHIBITION; IMMUNOSUPPRESSANT FK506; T-LYMPHOCYTE ACTIVATION; IMMUNOPHILINS ...
Cited References:

4/K/14 (Item 13 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

Abstract: Genetic markers - blood groups ABO, RH, MN; serum proteins HP, Pl, TF, C3; erythrocyte enzymes ACP1, ESD, AK1, PGM1, GLO1, **PGD**, PGP; and the other: PTC-tasting, ear wax types and color vision, were studied in two aboriginal Buryatian populations of Baikal Lake region: in Chitinskaya...
Identifiers--
Research Fronts: ...FERAL GOAT POPULATIONS (GENUS CAPRA))
90-2697 001 (IMMOBILIZED PH GRADIENTS; ISOELECTRIC-FOCUSING GELS; REDUCED WHEAT GLUTEN PROTEINS)
90-6265 001 (HLA ANTIGENS; RISK OF **RHEUMATOID- ARTHRITIS**; FACTORS PREDICTING RESPONSE)
Cited References:

4/K/15 (Item 14 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

Abstract: ...52 to 698) of a sample of Yupik-speaking Eskimos from southwestern Alaska. Five loci were monomorphic (Kell Kp(b+), ADA1, AK1, HB(A), and **PGD**(A)). At the other loci, the most frequent alleles were AB0 (0) (0.580), Fy(a) (0.960), Jk(b) (0.513), Ms (0.333...
Identifiers-- ...RED-CELL ENZYMES; **RHEUMATOID-ARTHRITIS**; B DISEASE; HEPATITIS-B; HLA; POPULATION; INDIANS; ADMIXTURE; SUSCEPTIBILITY; EPIDEMIOLOGY

4/K/16 (Item 1 from file: 71)
DIALOG(R)File 71: ELSEVIER BIOBASE

As for the pathogenesis of **rheumatoid arthritis** (RA), prostaglandins (PGs) act as important mediators of inflammation and joint destruction. Among them, **PGD** SUB 2 is well recognized as a potent regulator of osteoblastic functions. We previously showed that **PGD** SUB 2 stimulates the induction of heat shock protein 27 (HSP27) via protein kinase C (PKC)-dependent p38 mitogen-activated protein (MAP) kinase and p44 ... ...the other hand, methotrexate (MTX) is one of the most effective medicines for the treatment of RA. Here, we examined the effect of MTX on **PGD** SUB 2 - stimulated HSP27 induction in MC3T3-E1 cells. The cells were pretreated with various doses of MTX including therapeutic dosage for RA, and then stimulated by **PGD** SUB 2 . MTX significantly enhanced the **PGD** SUB 2 - increased levels of HSP27 in a dose-dependent manner, although MTX alone had no effect on the levels of HSP27. In addition, MTX amplified the **PGD** SUB 2 -increased levels of HSP27 mRNA. On the contrary, MTX had little effect on **PGD** SUB 2 -induced formation of inositol phosphates, PKC activation and phosphorylations of MAP kinases. Our results strongly suggest that MTX enhances **PGD** SUB 2 -stimulated HSP27 induction at a point downstream from MAP kinases in osteoblasts. (c) 2004 Elsevier Ltd. All rights reserved.

4/K/17 (Item 1 from file: 72)
DIALOG(R)File 72: EMBASE

...the synthesis of 1,25(OH) SUB 2D SUB 3 in synovial fluid macrophages from patients with inflammatory arthritis (IA), most of whom had chronic **rheumatoid arthritis** (RA). After exposure to IFN-gamma and/or arachidonic acid metabolites (eicosanoids), the synthesis of 1,25(OH) SUB 2D SUB 3 was determined by... ...each stimulated 1,25(OH) SUB 2D SUB 3 synthesis in a dose-dependent manner after 24 h, whilst PGA SUB 2, PGB SUB 2, **PGD** SUB 2, PGE SUB 1 and PGE SUB 2 (0.1-10 muM) all inhibited synthesis after 24 h in cells pre-activated with 4...
Medical Descriptors:

*
article; clinical trial; drug effect; human; human cell; metabolic regulation; **rheumatoid arthritis**; synovial fluid; vitamin metabolism
Orig. Descriptors:

4/K/18 (Item 1 from file: 73)
DIALOG(R)File 73: EMBASE

Human synovium obtained at arthroplasty from patiens with **rheumatoid arthritis** (RA) and osteoarthritis (OA) were characterized by assessing mast cell morphology, content and function. Histological studies confirmed significant numbers of mast cells in both RA... ...SEM) released histamine following provocation with anti-IgE and calcium ionophore but not compound 48/80, f-met peptide or bradykinin. Prostaglandin D SUB 2 (**PGD** SUB 2) and leukotriene C SUB 4 (LTC SUB 4) were also released in response to anti-IgE. Auranofin inhibited anti-IgE provoked histamine, **PGD** SUB 2 and LTC SUB 4 release while gold sodium thiomalate, cromolyn and indomethacin had no effect on histamine release. Theophylline inhibited anti-IgE induced...
Medical Descriptors:
* osteoarthritis--etiology--et; ***rheumatoid arthritis**--etiology --et

---

4/K/19 (Item 2 from file: 73)
DIALOG(R)File 73: EMBASE

The concentrations of **PGD** SUB 2, PGE SUB 2, PGF(2alpha), 6-keto-GF(1alpha) and TXB SUB 2 in synovial fluid from patients with **rheumatoid arthritis** (RA), Reiter's disease (RD), acute gouty arthritis (GA) and osteoarthritis (OA) were measured by radioimmunoassay. PGE SUB 2 was found to be the most... ...mean levels of all the prostanoids were found than compared to the other groups of patients. Only in patients with RA a slight correlation between **PGD** SUB 2/PGF(2alpha), PGE SUB 2/PGF(2alpha) and PGE SUB 2/6-keto-PGF(1alpha) could be demonstrated. No significant correlations between the...

4/K/20 (Item 3 from file: 73)
DIALOG(R)File 73: EMBASE

...for 2-hour incubation of the cells, the production of identified metabolites, 6-keto-PGF SUB 1(alpha), PGF SUB 2 (alpha), PGE SUB 2, **PGD** SUB 2, PGA+PGB and thromboxane B SUB 2, was slightly less in rheumatic cells. In general, the main metabolite formed was 6-keto-PGF...
Medical Descriptors:
*
cartilage; fibroblast; human; human cell; joint; major clinical study; **rheumatoid arthritis**; synovium
Orig. Descriptors:

4/K/21 (Item 1 from file: 135)
DIALOG(R)File 135: NewsRx Weekly Reports

Researchers in the United States conducted a study "to estimate the national occurrence of pregnancies in women

with systemic lupus erythematosus (SLE) and **rheumatoid arthritis** (RA) and to compare pregnancy outcomes in these patients with those in women with pregestational diabetes mellitus (DM) and with the general obstetric population."

E... ...antenatal monitoring should be performed."

Chakravarty and colleagues published their study in(Obstetric hospitalizations in the United States for women with systemic lupus erythematosus and **rheumatoid arthritis**. Arthritis Rheum, 2006;54(3):899-907).

For additional information, contact E.F. Chakravarty, Stanford University, School of Medicine, Division of Rheumatology & Immunology, 1000 Welch ... ...and Gynaecology H4-210, P.O. Box 22700, 1100 DE Amsterdam, The Netherlands. Email: est.demiranda@inter.NL.net.

Study 3: Women with pregestational diabetes (**PGD**) have higher obstetrical complication and intervention rates than women without **PGD** and many do not receive recommended specialty care during pregnancy.

Scientists in Canada conducted a study "to describe recent trends in the proportion of deliveries in women with pregestational diabetes (**PGD**), their use of services, and diabetes-related obstetrical complications."

"In this population-based retrospective cohort study, comprehensive administrative data were used to identify all women (with and without **PGD**) who gave birth in an Ontario, Canada, hospital from 1996 to 2001. Data on maternal complications and interventions were obtained from hospital discharge records; data... ...were obtained from fee-for-service claims," explained D.S. Feig and colleagues of the University of Toronto.

"The proportion of deliveries in women with **PGD** increased steadily from 0.8% in 1996 to 1.2% in 2001 ($p<0.001$)," the investigators reported. "In 2001, women with **PGD** were more likely to be diagnosed with shoulder dystocia (adjusted odds ratio 2.00 [95% CI 1.55-2.58]), hypertension (4.13 [3.44... ...73]) and have higher rates of inductions (1.69 [1.52-1.88]) and caesarean sections (1.78 [1.60-1.98]) than women without **PGD**. In 2001, 50% of the women with **PGD** had a visit to a diabetes specialist during pregnancy and only 30% of women had claims for a prenatal retinal examination. Both of these rates have decreased over the study period."

The researchers concluded, "Women with **PGD** now account for a larger proportion of deliveries. These women continue to have higher obstetrical complication and intervention rates than women without **PGD** and many do not receive recommended specialty care during pregnancy."

Feig and colleagues published their study in (Trends in deliveries, prenatal care, and obstetrical complications...

4/K/22 (Item 1 from file: 144)
DIALOG(R)File 144: Pascal

... to find the specific inhibitors of AA metabolism especially PLA SUB 2 and COX-2, 300 plant extracts were evaluated for their inhibitory activity on **PGD** SUB 2 production from cytokine-induced mouse bone marrow-derived mast cells in vitro. From this screening procedure, the methanol extract of Salvia miltiorrhiza was found to inhibit **PGD** SUB 2 production and the ethyl acetate subfraction gave the strongest inhibition of five subfractions tested. From this ethyl acetate subfraction, an activity-guided isolation...

...English Descriptors: cell line; Pharmacognosy; Arthritis; Adjuvant; Phytotherapy; Treatment; Treatment efficiency; Folk medicine; Prostaglandin-endoperoxide synthase; Lipoxygenase; Korea; Root; Animal; Rat; Enzyme inhibitor; In vitro; In vivo; **Rheumatoid arthritis**; Isolation; Extract; Biological activity; Phospholipase A SUB 2

4/K/23 (Item 1 from file: 370)

DIALOG(R)File 370: Science

(THIS IS THE FULLTEXT)

Text:

...NF- (kappa) B is a key mediator of TNF-a responses and an attractive target for therapeutic intervention against inflammation and inflammatory diseases such as **rheumatoid arthritis**.
...

...cytokine. The two possibilities can be discriminated by providing RelA directly to the RelA.sup(-/-) cells (B18) . Either a mouse RelA expression vector or the **pGD** parental vector was therefore transfected into RelA.sup(-/-) 3T3 cells along with a lacZ expression vector to mark the transfected cells. Mouse TNF-a was...cytotoxicity. Rel.sup(-/-) 3T3 cells were calcium phosphate transfected with 1 (mu) g of the LacZ-expressing vector pON 405 and the RelA-expressing vector **pGD**-65 in the amounts indicated. Mouse TNF-a was added (+) 36 hours later for 24 hours as indicated. After X-Gal staining, the number of...

References and Notes:
...of the plates. The plasmid pON 405, in which LacZ expression is driven by the cytomegalovirus promoter, was used to mark transfected cells. The plasmid **pGD**-p65 [M. Scott et al., Genes Dev. 7, 1266 (1993)] was used for expression of RelA in fibroblasts. The parental **pGD** vector was used to ensure that the total amount of DNA used in all transfections was identical...

4/K/25 (Item 1 from file: 457)
DIALOG(R)File 457: The Lancet

Text:

...in patients. Non-steroidal inflammatory drugs (NSAIDs) treated the symptoms of inflammatory disease without affecting the underlying disease; indeed many NSAIDs accelerated cartilage breakdown in **rheumatoid arthritis**.2 Nevertheless, for many patients this family of drugs improved quality of life, if the patient escaped the unpleasant side-effects on the gastrointestinal tract...

...an ex vivo biochemical assay with exogenously supplied arachidonic acid, nor could this be detected at this time in vivo. By contrast, anti-inflammatory prostaglandins (**PGD** sub 2 , and PGF sub 2a) plus a member of the cyclopentenone family (I 5deoxy(delta)12-14PGJ sub 2) were produced in vivo at...this third inducible isoform of COX could result in the typical periods of remission seen in many clinical cases of chronic inflammatory disease such as **rheumatoid arthritis**. If this hypothesis is further proved in man, an urgent need for markers of disease activity would be needed, thus making it possible to stop...

? **t s4/3/2,7,9,16,17,18,19,20**

Dialog eLink: USPTO Full Text Retrieval Options
4/3/2 (Item 1 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

13368454 **Genuine Article#:** 872IA **No. References:** 51
Methotrexate enhances prostaglandin D-2-stimulated heat shock protein 27 induction in osteoblasts

Author: Yoshida M; Niwa M; Ishisaki A; Hirade K; Ito H; Shimizu K; Kato K; Kozawa O (REPRINT)
Corporate Source: Gifu Univ,Grad Sch Med, Dept Pharmacol,Gifu 5011194//Japan/ (REPRINT); Gifu Univ,Grad Sch Med, Dept Pharmacol,Gifu 5011194//Japan/; Gifu Univ,Grad Sch Med, Dept Orthopaed Surg,Gifu 5011194//Japan/; Aichi Human Serv Ctr,Inst Dev Res, Dept Biochem,Kasugai/Aichi 4800392/Japan/ (okozawa@cc.gifu-u.ac.jp)
Journal: PROSTAGLANDINS LEUKOTRIENES AND ESSENTIAL FATTY ACIDS , 2004 , V 71 , N6 (DEC) , P 351-362
ISSN: 0952-3278 **Publication date:** 20041200
Publisher: CHURCHILL LIVINGSTONE , JOURNAL PRODUCTION DEPT, ROBERT STEVENSON HOUSE, 1-3 BAXTERS PLACE, LEITH WALK, EDINBURGH EH1 3AF, MIDLOTHIAN, SCOTLAND
Language: English **Document Type:** ARTICLE (ABSTRACT AVAILABLE)

4/3/7 (Item 6 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

10929879 **Genuine Article#:** 584LB **No. References:** 41
Pharmacology of celecoxib in rat brain after kainate administration

Author: Ciceri P; Zhang Y; Shaffer AF; Leahy KM; Woerner MB; Smith WG; Seibert K; Isakson PC (REPRINT)
Corporate Source: Pharmacia Corp,Res & Dev,100 Route 206 N/Peapack//NJ/07977 (REPRINT); Pharmacia Corp,Res & Dev,Peapack//NJ/07977; Pharmacia Discovery Res,St Louis//MO/
Journal: JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS , 2002 , V 302 , N3 (SEP) , P 846-852
ISSN: 0022-3565 **Publication date:** 20020900
Publisher: AMER SOC PHARMACOLOGY EXPERIMENTAL THERAPEUTICS , 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3998 USA
Language: English **Document Type:** ARTICLE (ABSTRACT AVAILABLE)

4/3/9 (Item 8 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

10249575 **Genuine Article#:** 502VH **No. References:** 125
Dual acting anti-inflammatory drugs: A reappraisal

Author: Bertolini A (REPRINT) ; Ottani A; Sandrini M
Corporate Source: Univ Modena,Dept Biomed Sci, Pharmacol Sect,Via G Campi 287/I-41100 Modena//Italy/ (REPRINT); Univ Modena,Dept Biomed Sci, Pharmacol Sect,I-41100 Modena//Italy/
Journal: PHARMACOLOGICAL RESEARCH , 2001 , V 44 , N6 (DEC) , P 437-450
ISSN: 1043-6618 **Publication date:** 20011200
Publisher: ACADEMIC PRESS LTD , 24-28 OVAL RD, LONDON NW1 7DX, ENGLAND
Language: English **Document Type:** REVIEW (ABSTRACT AVAILABLE)

4/3/16 (Item 1 from file: 71)
DIALOG(R)File 71: ELSEVIER BIOBASE

0005779989 **Supplier Number:** 2004276871
Methotrexate enhances prostaglandin D SUB 2 -stimulated heat shock protein 27 induction in osteoblasts
Yoshida M.; Niwa M.; Ishisaki A.; Hirade K.; Ito H.; Shimizu K.; Kato K.; Kozawa O.
Author Email: okozawa@cc.gifu-u.ac.jp
Corresp. Author Email: okozawa@cc.gifu-u.ac.jp
Journal : Prostaglandins Leukotrienes and Essential Fatty Acids (Prostaglandins Leukotrienes Essent. Fatty Acids) , v71, n6, (351-362) , 2004 , United Kingdom
Publication Date: December 1, 2004 (20041201)
Coden: PLEAE
ISSN: 0952-3278 **eISSN:** 2009-003X
Publisher Item Identifier: S0952327804001218
Record Type: Abstract; New
Document Type: Article
Languages: English **Summary Languages:** English
No. of References: 51

Dialog eLink: USPTO Full Text Retrieval Options
4/3/17 (Item 1 from file: 72)
DIALOG(R)File 72: EMBASE

0075706230 **EMBASE No:** 1994134927
Interferon-gamma and eicosanoid regulation of 1,25-dihydroxyvitamin D SUB 3 synthesis in macrophages from inflammatory arthritic joints

Hayes M.E.; Yuan J.Y.; Freemont A.J.; Mawer E.B.
University Department of Medicine, The Royal Infirmary, Manchester, Oxford Road, Manchester M13 9WL, United Kingdom
Corresp. Author/Affil: Hayes M.E.: University Department of Medicine, The Royal Infirmary, Manchester, Oxford Road, Manchester M13 9WL, United Kingdom

International Journal of Immunotherapy (INT. J. IMMUNOTHER.) (Switzerland) May 9, 1994 , 10/1 (1-9)
CODEN: IJIME **ISSN:** 0255-9625
Document Type: Journal ; Article **Record Type:** Abstract
Language: English **Summary language:** English

Dialog eLink: USPTO Full Text Retrieval Options
4/3/18 (Item 1 from file: 73)
DIALOG(R)File 73: EMBASE

0073787809 **EMBASE No:** 1988248706
Characterization of human synovial mast cells

Kopicky-Burd J.A.; Kagey-Sobotka A.; Peters S.P.; Dvorak A.M.; Lennox D.W.; Lichtenstein L.M.; Wigley F.M.
Francis Scott Key Medical Center, Baltimore, MD 21224, United States

Corresp. Author/Affil: : Francis Scott Key Medical Center, Baltimore, MD 21224, United States

Journal of Rheumatology (J. RHEUMATOL.) (Canada) November 18, 1988 , 15/9 (1326-1333)
CODEN: JRHUA **ISSN:** 0315-162X
Document Type: Journal ; Article **Record Type:** Abstract
Language: English **Summary language:** English

4/3/19 (Item 2 from file: 73)
DIALOG(R)File 73: EMBASE

0072630027 **EMBASE No:** 1984160442

Concentration of prostaglandins D SUB 2, E SUB 2, F(2alpha), 6-keto-F(1alpha) and thromboxane B SUB 2 in synovial fluid from patients with inflammatory joint disorders and osteoarthritis

Egg D.
Department of Internal Medicine, Division of Physical Medicine, University of Innsbruck, A-6020 Innsbruck, Austria

Corresp. Author/Affil: : Department of Internal Medicine, Division of Physical Medicine, University of Innsbruck, A-6020 Innsbruck, Austria

Zeitschrift fur Rheumatologie (Z. RHEUMATOL.) (Germany) August 30, 1984 , 43/2 (89-96)
CODEN: ZRHMB **ISSN:** 0340-1855
Document Type: Journal **Record Type:** Abstract
Language: English **Summary language:** German

4/3/20 (Item 3 from file: 73)
DIALOG(R)File 73: EMBASE

0072577561 **EMBASE No:** 1984207976

Differences in the production of arachidonic acid metabolites between healthy and rheumatic synovial fibroblasts in vitro. A preliminary study

Pietila P.; Moilanen E.; Seppala E.; et-al
Department of Biomedical Sciences, University of Tampere, SF-33100 Tampere 10, Finland
Corresp. Author/Affil: : Department of Biomedical Sciences, University of Tampere, SF-33100 Tampere 10, Finland

Scandinavian Journal of Rheumatology (SCAND. J. RHEUMATOL.) (Sweden) November 8, 1984 , 13/3 (243-246)
CODEN: SJRHA **ISSN:** 0300-9742
Document Type: Journal ; Article **Record Type:** Abstract
Language: English

? **t s4/full/19**

4/9/19 (Item 2 from file: 73)
DIALOG(R)File 73: EMBASE

0072630027 **EMBASE No:** 1984160442

Concentration of prostaglandins D SUB 2, E SUB 2, F(2alpha), 6-keto-F(1alpha) and thromboxane B SUB 2 in synovial fluid from patients with inflammatory joint disorders and osteoarthritis

Egg D.
Department of Internal Medicine, Division of Physical Medicine, University of Innsbruck, A-6020 Innsbruck, Austria

Corresp. Author/Affil: : Department of Internal Medicine, Division of Physical Medicine, University of Innsbruck, A-6020 Innsbruck, Austria

Zeitschrift fur Rheumatologie (Z. RHEUMATOL.) (Germany) August 30, 1984 , 43/2 (89-96)
CODEN: ZRHMB **ISSN:** 0340-1855
Document Type: Journal **Record Type:** Abstract
Language: English **Summary language:** German

The concentrations of **PGD** SUB 2, PGE SUB 2, PGF(2alpha), 6-keto-GF(1alpha) and TXB SUB 2 in synovial fluid from patients with **rheumatoid arthritis** (RA), Reiter's disease (RD), acute gouty arthritis (GA) and osteoarthritis (OA) were measured by radioimmunoassay. PGE SUB 2 was found to be the most predominant prostanoid (pg/ml; Mean +/- S.E.M.): RA 887 +/- 85, RD 870 +/- 71, GA 1064 +/- 155 and OA 665 +/- 71. In patients with OA lower mean levels of all the prostanoids were found than compared to the other groups of patients. Only in patients with RA a slight correlation between **PGD** SUB 2/PGF(2alpha), PGE SUB 2/PGF(2alpha) and PGE SUB 2/6-keto-PGF(1alpha) could be demonstrated. No significant correlations between the leucocyte cell counts in the synovial fluid and the prostanoid concentrations were found. In patients with RA developing recurrent knee joint effusions within four weeks after the first sampling significantly lower levels of PGE SUB 2 and TXB SUB 2 were found in the recurrent samples (PGE SUB 2 792 +/- 183, TXB SUB 2 179 +/- 33) than compared with the original samples (PGE SUB 2 984 +/- 146; TXB SUB 2 239 +/- 32).

Drug Descriptors:
* thromboxane b2
Medical Descriptors:
* arthritis; *osteoarthritis
clinical article; diagnosis; human; joint; synovial fluid
CAS Registry Number: 54397-85-2 (thromboxane B2)
SECTION HEADINGS:
Endocrinology
Arthritis and Rheumatism

?